

**Work Order:** Montana DNRC 2018-2019 LiDAR Projects

**Submitted by:** Quantum Spatial

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**Reporting period:** May 17<sup>th</sup>, 2019 – May 24<sup>th</sup>, 2019

**Report Date:** May 24<sup>th</sup>, 2019

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- Weather was mixed this week, but we were able to get in flights on Powell and Clark Fork Counties. Updated Acquisition Status Maps are attached below.
- Gaston was able to complete the ground survey of the Hill County Add-on Area on 5/23/2019.
- Calibration of the Hill, Valley, and Mineral County Datasets continued back in the Corvallis office.

**Outstanding issues and concerns:**

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	74%	rolling	
LiDAR Data Processing [50%]	25.25%	rolling	
Weekly Reports	n/a	Ongoing	

**Activities Planned Next Week:**

- Continue calibration and data processing of the Hill, Valley, and Mineral County LiDAR datasets.
- QC of the Jefferson, Powell, and Clark for Datasets flown so far this Spring.
- QC of Ground Survey data on Hill County
- Weather permitting, continue progress on the low elevation and snow free areas of Jefferson, Clark Fork, Powell, and Deer Lodge Counties.





















